

REMARKS

Claims 15, 16, 18-21, 29 and 31-35 are pending in this application. By this Amendment, claim 30 is canceled, claims 15 and 31 are amended and claims 32-35 are added. Reconsideration based on the above amendments and following remarks is respectfully requested.

Applicant gratefully acknowledges that the Office Action indicates that claims 15, 16 and 18-21 are allowed.

Applicant gratefully appreciates the courtesies extended to Applicant's representative by the Examiner during the personal interview. The points discussed are incorporated into the following remarks.

I. The Specification Satisfies All Formal Requirements

Although not objected to by the Examiner, the Specification is amended to describe the additional Figures added by the attached Additional Sheet. No new matter has been added.

II. The Claims Satisfy All Formal Requirements

Although not previously objected to by the Examiner, claims 15 and 31 are amended to correct informalities. No new matter has been added.

III. The Claims Satisfy the Requirements of 35 U.S.C. § 112, First Paragraph

The Office Action rejects claim 17 under 35 U.S.C. §112, first paragraph, based on lack of enablement. Claim 17 was previously canceled to obviate the rejection. Withdrawal of the rejection under 35 U.S.C. § 112, first paragraph, is respectfully requested.

During the personal interview, the Examiner asserted that the recitation of the hole formed by a thinner portion in the substrate, as recited in claim 30, is confusing. Thus, for purposes of clarification, new claim 33 recites that the substrate has a thinner portion at the corner portion, which corresponds to the embodiment originally recited in previously

canceled claim 17. However, new claim 33 uses the language recited in claim 31 in order to clearly express the embodiment originally recited in previously canceled claim 17, now canceled claim 30.

Claim 31 recites a semiconductor device wherein the substrate has a thinner portion at the corner portion. None of the references applied during prosecution disclose or even suggest the features of claim 31.

During the interview, the Examiner also asserted that the edge surfaces of the substrate and resin, as indicated in Figure 12, are not level. Thus, claim 31 is amended to delete recitation of the edge surfaces of the substrate and the resin are level, in order to clarify the invention. Further, new claim 32, corresponding to amended claim 15, does not include recitation of level edge surface in order to clarify the invention as illustrated in Figure 12. Finally, new claims 33-35 are also drawn to an embodiment as illustrated in Figure 12.

IV. The Drawings Satisfy All Formal Requirements

During the personal interview, the Examiner indicated that Figure 12 does not disclose a hole formed in the substrate such that the substrate is indented at the corner portion further inward than a portion of the resin. As indicated in the attached sheet, additional Figures 12A and 12B, clearly show that the substrate is indented at a corner portion further inward than a portion of the resin. The attached Replacement Sheet deletes original Figure 12 which is replaced by Figure 12A.

V. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 15, 16, 18-21, 29 and 31-33 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Amendment Transmittal

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